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COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS

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Cooperating.

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Washington, D. C.

STATISTICAL RESULTS OF COOPERATIVE EXTENSION WORK,

1923.

By M. C. Wilson.

June 30, 1924.

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STATISTICAL RESULTS OF COOPERATIVE EXTENSION WORK, 1923.

During 1923 cooperative extension work was carried on by 3,412 county extension agents, who were assisted by the equivalent of 700 subject-matter specialists employed on a full-time basis. The statistical information contained in this circular is based on the annual report of 3,338 county extension agents, who reported on all cooperative extension work done in their respective counties.

Table 1.-- Number of County Extension Agents Employed and Number Reporting.

Kind of extension agent.	:	Number employed July 1, 1923.	:	Number of reports included in 1923 summary.
County agents	:	2,146*	:	2,097
Negro agents (men)	:	<u>164</u>	:	<u>156</u>
Total number of county agents ..	:	2,310	:	2,253
Home demonstration agents	:	852*	:	852
Negro agents (women)	:	<u>97</u>	:	<u>96</u>
Total number of home demon- stration agents	:	949	:	948
Number of county club agents	:	153	:	137
Total number of all agents	:	3,412	:	3,338

*Includes assistant agents.

National Program of Work.

The number of county extension agents reporting extension work on the various projects and lines of work indicates, in a general way, the national program of cooperative extension work in 1923. From figure 1 it will be noted that of the 3,338 agents whose annual reports are included in the 1923 statistical summary, 1,980 reported work in soils, 1,803 reported work with corn, 1,227 with wheat, 1,212 with oats, 1,427 with alfalfa, 1,363 with soybeans, 1,080 with sweet clover, 1,365 with potatoes, and 733 with cotton.

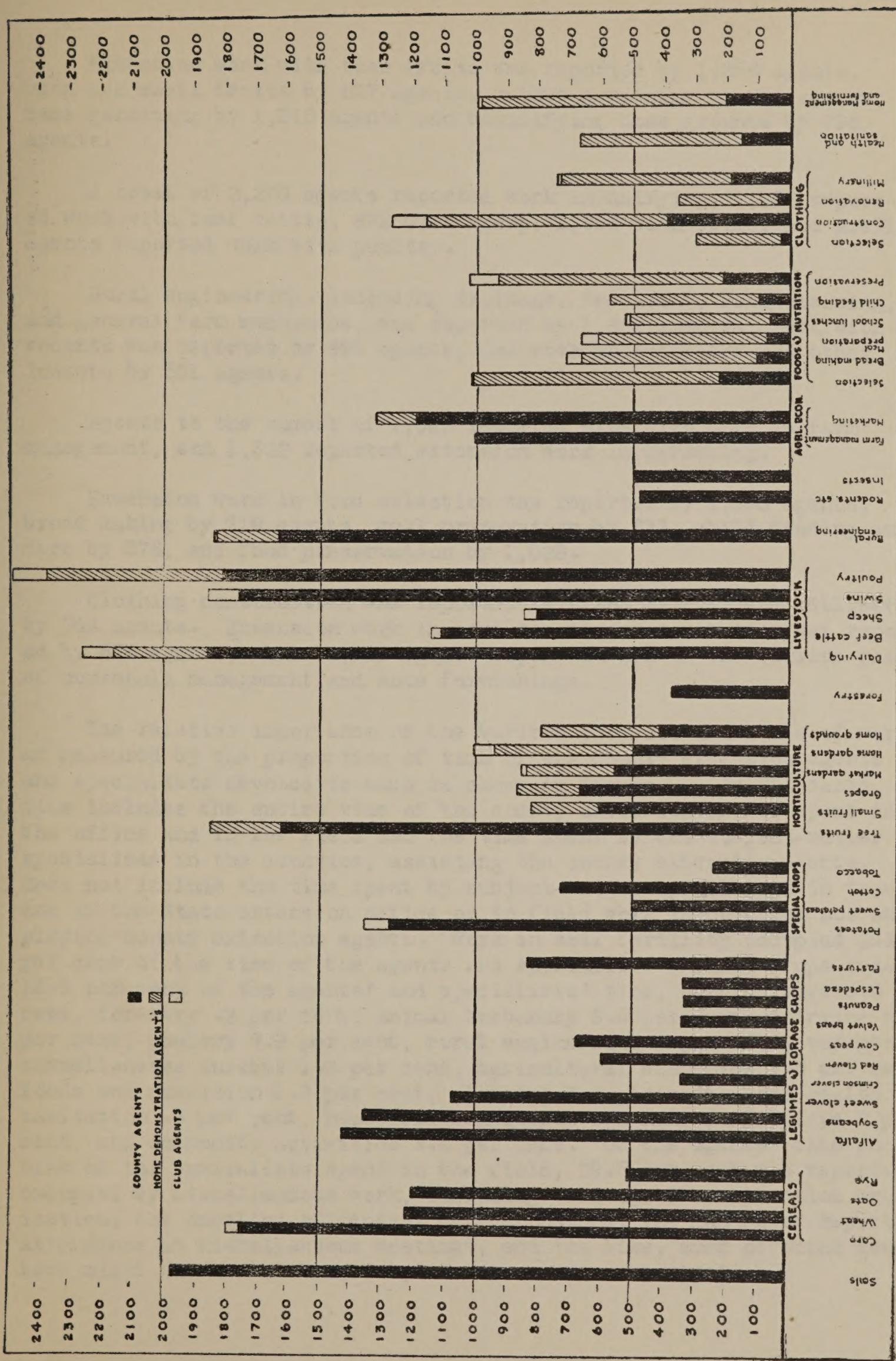


Fig. 1. Number of county extension agents reporting extension work in the various subject-matter lines of work in 1923.

Extension work with tree fruits was reported by 1,866 agents, bush and small fruits by 827 agents, market gardening by 856 agents, home gardening by 1,015 agents and beautifying home grounds by 795 agents.

A total of 2,270 agents reported work in dairying, 1,152 reported work with beef cattle, 872 with sheep, 1,866 with swine, and 2,491 agents reported work with poultry.

Rural engineering, including drainage, terracing, land clearing, and general farm mechanics, was reported by 1,862 agents. Work with rodents was reported by 486 agents, and with grasshoppers and other insects by 501 agents.

Agents to the number of 1,015 reported extension work in farm management, and 1,322 reported extension work in marketing.

Extension work in food selection was reported by 1,028 agents, bread making by 719 agents, meal preparation by 673, child feeding and care by 576, and food preservation by 1,028.

Clothing construction was reported by 1,265 agents, and millinery by 744 agents. Extension work in home health and sanitation was reported by 674 agents, while 1,010 agents reported work in the various phases of household management and home furnishings.

The relative importance of the various projects and lines of work, as measured by the proportion of time of the county extension agents and specialists devoted to each is shown in figure 2. In all cases, the time includes the entire time of the county extension agents spent in the office and in the field and the time spent by the subject-matter specialists in the counties, assisting the county extension agents. It does not include the time spent by subject-matter specialists in travel and in the State extension office or in field work in counties not employing county extension agents. Work in soil fertility occupied 2.4 per cent of the time of the agents and specialists. Field crops received 13.9 per cent of the agents' and specialists' time, horticulture 5.6 per cent, forestry .2 per cent, animal husbandry 8.5 per cent, dairying 5.5 per cent, poultry 7.9 per cent, rural engineering 2 per cent, rodents and miscellaneous insects 1.2 per cent, agricultural economics 4.3 per cent, foods and nutrition 6.3 per cent, clothing 6.4 per cent, home health and sanitation .9 per cent, household management and home furnishings 2 per cent, and community activities 3.4 per cent. Of the agents' time and the time of the specialists spent in the field, 29.5 per cent was reported as occupied by miscellaneous work, including time spent on extension organization, the handling of general correspondence, the making of reports, attendance at miscellaneous meetings, and the like, much of which doubtless might have been charged against the various projects.

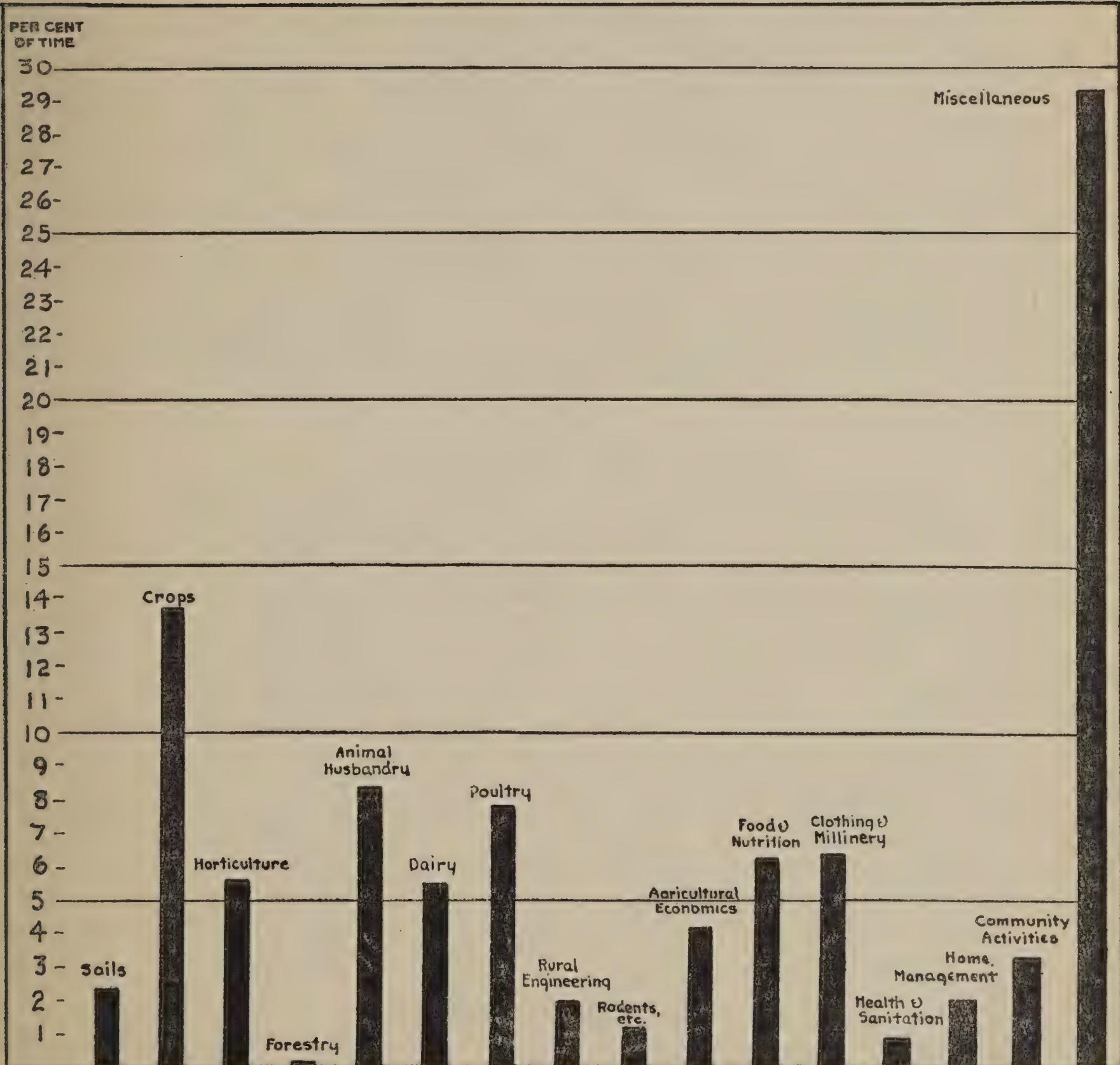


Fig. 2. - Percentage of agents' and specialists' time devoted to projects or subject-matter lines of work during 1923.

Demonstrations.

The number of adult result demonstrations completed or carried through the year and the number of boys and girls completing the work undertaken in the various projects or lines of work are shown in figure 3. With adults, poultry takes the lead with 65,359 demonstrations. Food preservation comes next with 62,476, followed by food selection with 57,003, clothing construction with 46,177, home gardens 37,725, and soils 34,550. The largest number of junior demonstrations is with clothing construction, 67,294. Poultry is next with 50,043, followed by food preservation with 48,325, swine with 28,313, home gardens 26,823, bread making 24,206, corn 17,293, and meal preparation 16,591. In all, 721,448 completed demonstrations were conducted with adults, and 428,746 completed demonstrations were conducted by juniors. In comparing the junior demonstrations with the adult demonstrations, it should be kept in mind that the junior are usually much simpler in character than the adult.

Practices Adopted.

Definite results can not be said to have been accomplished in extension work until the farmers and the farm women have incorporated in the management of their farms and homes the improved practices brought to their attention through publicity, meetings, adult demonstrations, junior demonstrations, correspondence, farm visits, office calls, and the various means and agencies employed in extension work. The number of farms or homes adopting improved practices in 1923 as a result of extension work is shown in figure 4. Marketing leads with 939,298 farms or homes reached through 6,262 associations definitely assisted by the extension forces. Soil-fertility extension work influenced 323,009 farms. A total of 315,569 farms adopted one or more improved dairy practices. Poultry extension work influenced 309,719 farms. Better practices in food selection were taken up in 285,933 homes. Better methods in food preservation were adopted in 284,639 homes. Clothing construction effectively reached 207,889 homes. Improved practices in corn growing were adopted on 171,080 farms and so on for the other subject-matter lines of work.

Spread of Influence.

In order to bring out the difference in the effort required to modify farm practices in various lines of work, a comparison of projects is sometimes made on the basis of the ratio of the number of farms or homes adopting practices to the number of demonstrations conducted in each line of work. Another method of making such a comparison, shown in figure 5, is on the basis of the number of farms or homes adopting improved practices per day of time devoted to the various lines of work by the county extension agents and the subject-matter specialists.

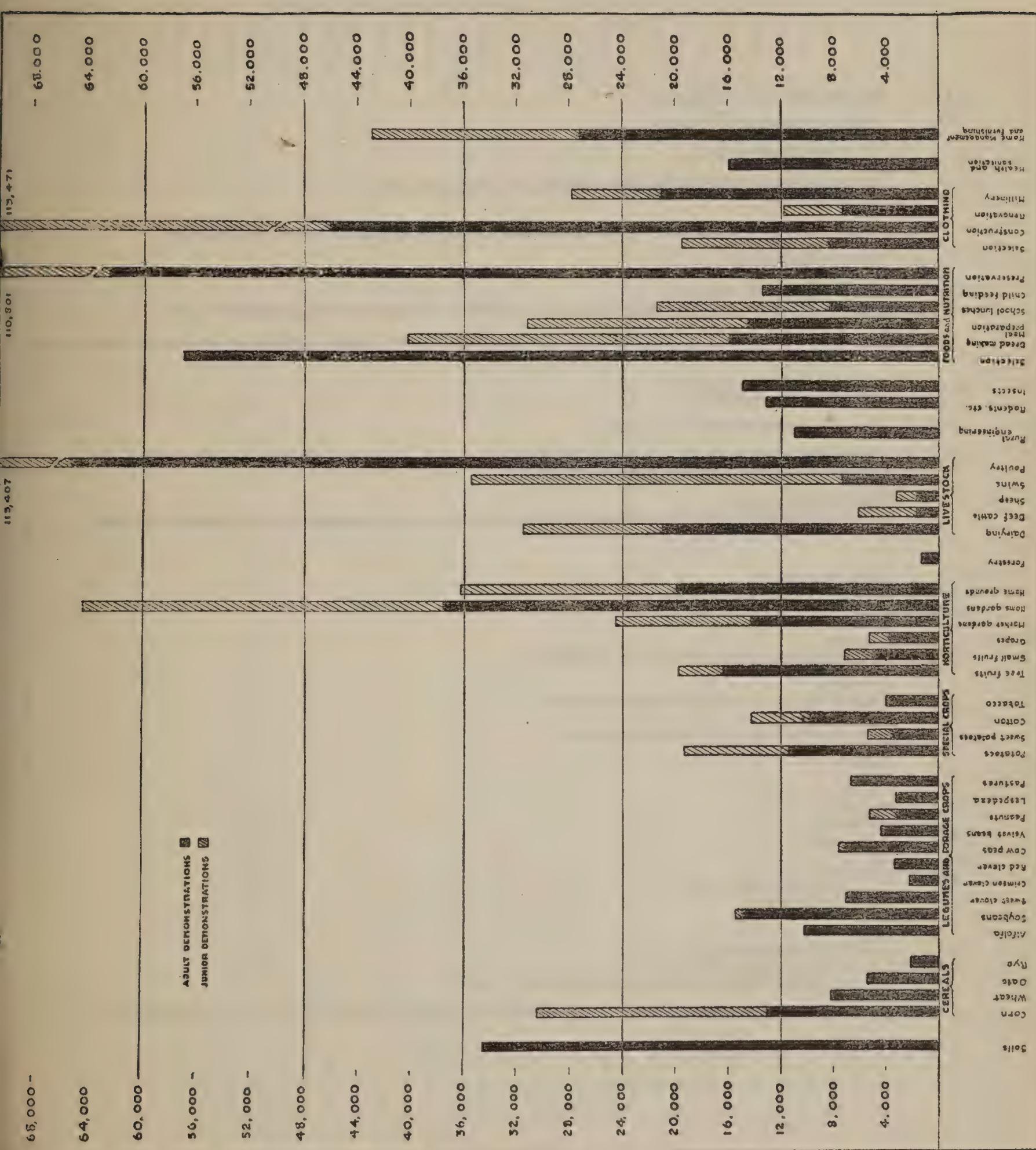


Fig. 3. Number of result demonstrations conducted in 1923 by county extension agents with the assistance of subject-matter specialists.

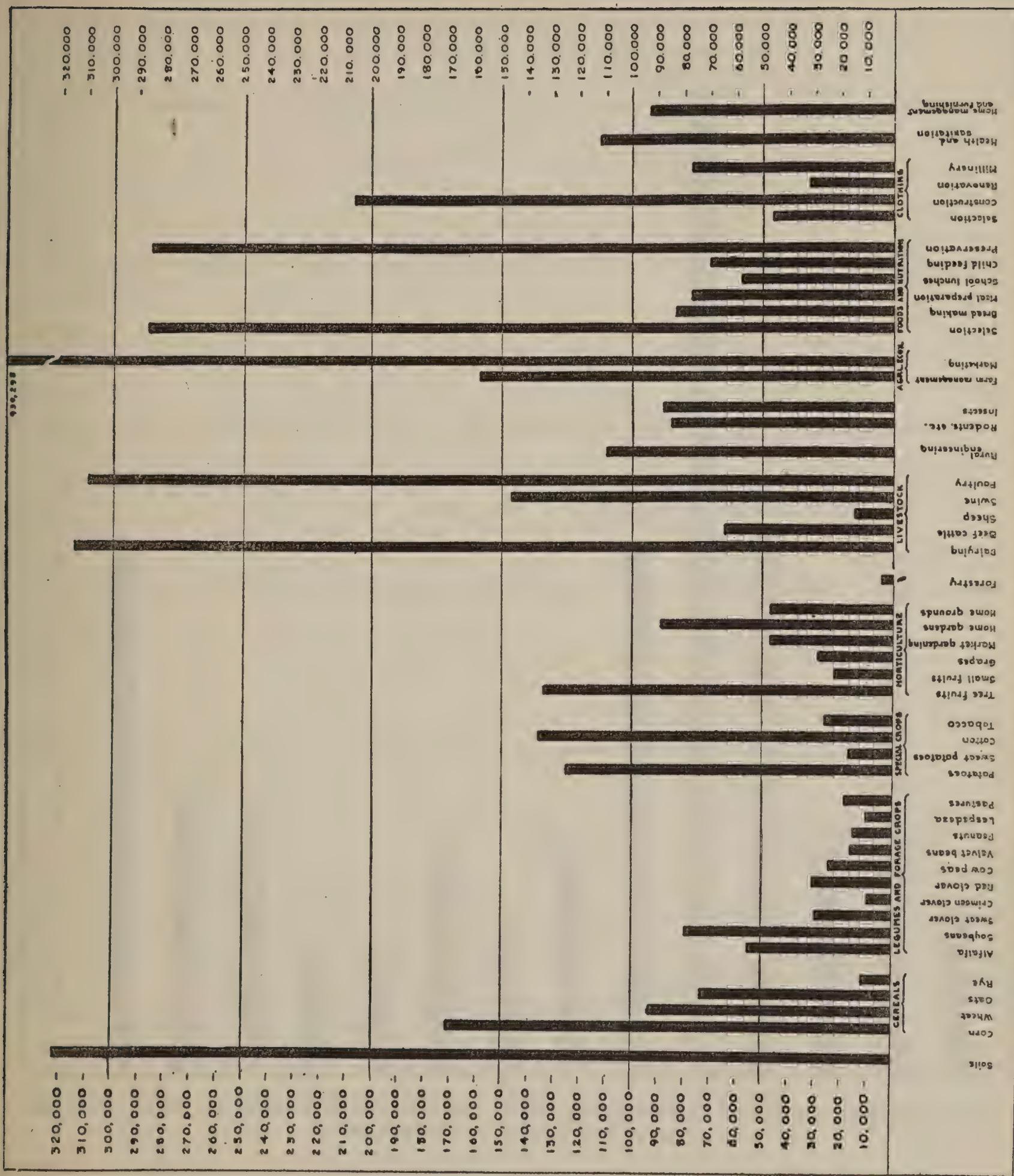


Fig. 4. Number of farms or homes adopting new or improved practices in 1923 as a result of cooperative extension work.

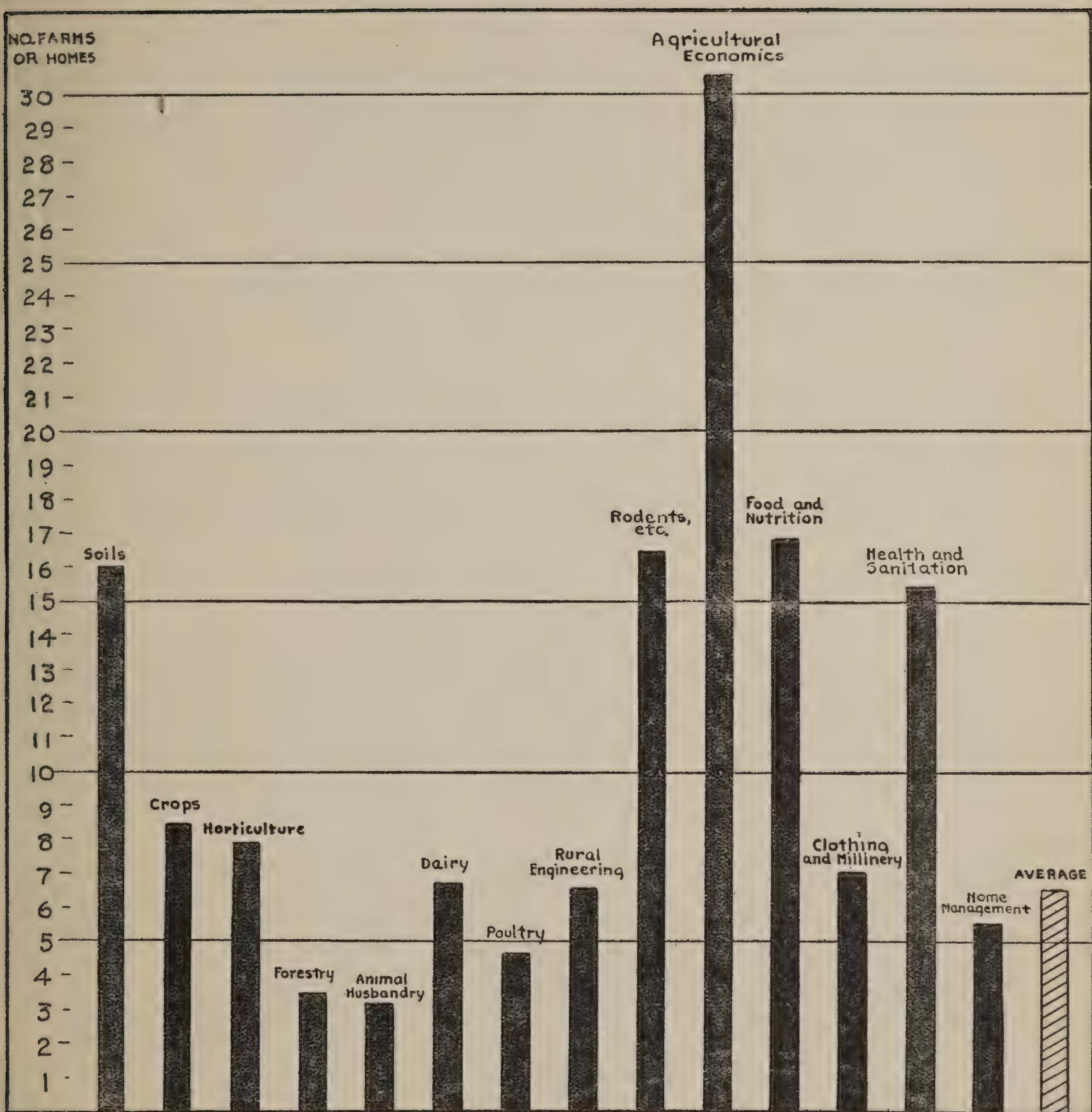
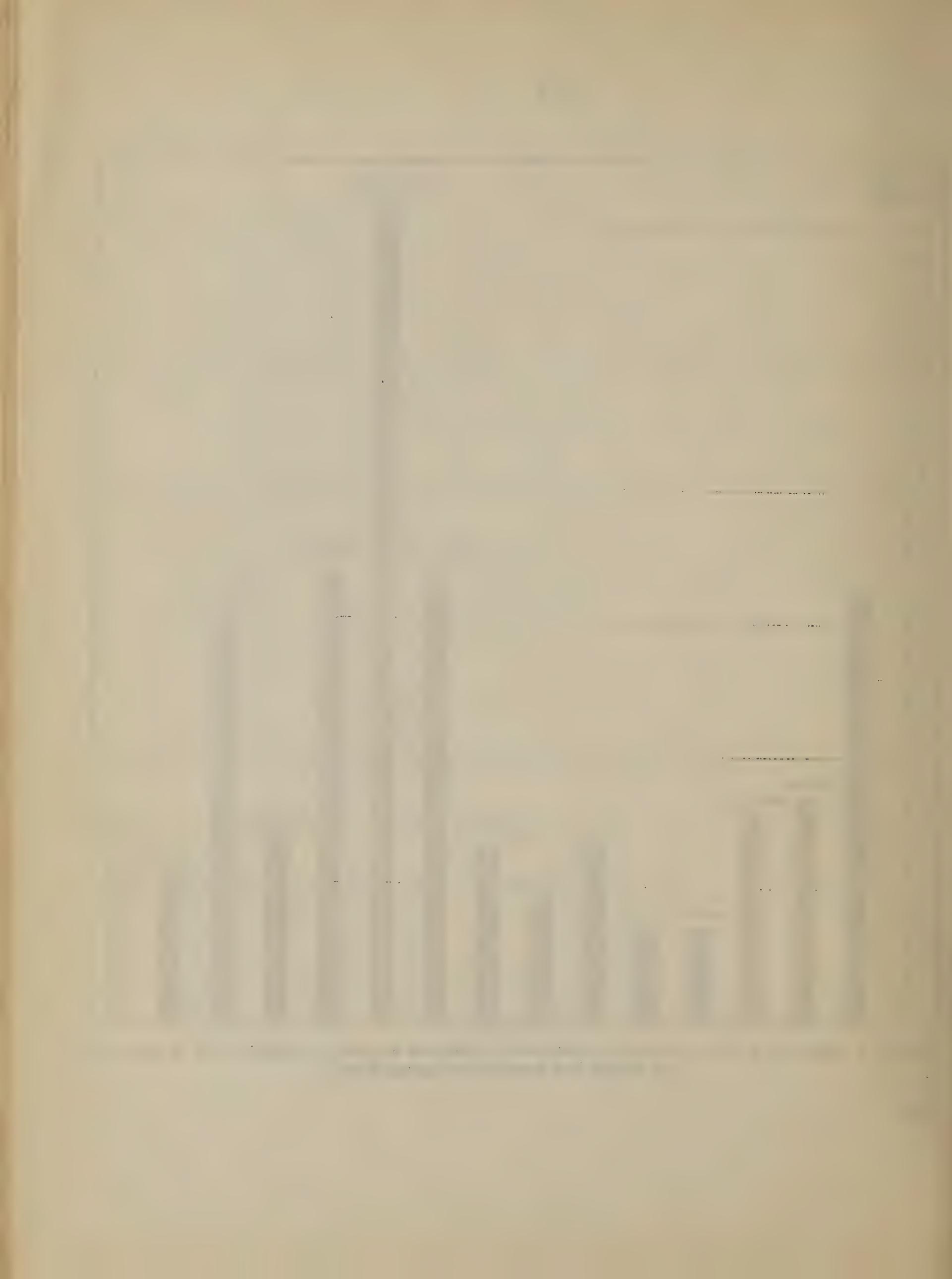


Fig. 5. - Number of farms or homes adopting better practices per day of time devoted to projects by agents and specialists during 1923.



The number of farms or homes per day of time is undoubtedly too high in all cases. This is due to the fact that only the field work of the subject-matter specialists is included and to the large amount of time, 29.5 per cent, devoted to miscellaneous work, much of which doubtless contributed directly to the effectiveness of extension work on projects. This, however, does not affect the relationship of one project to another. The large returns per day of time devoted to agricultural economics, 30.6, is partially accounted for by the fact that marketing work is largely carried out through cooperative associations. The other lines of work in the high group are, soils with 16.1 farms reached per day, rodents and miscellaneous insects 16.5, home health and sanitation 15.5, and foods and nutrition 16.9.

The middle group includes field crops with 8.6, horticulture 7.9, dairying 6.8, rural engineering 6.6, and clothing 7.1.

In the low group are forestry with 3.5, animal husbandry 3.4, poultry 4.7, and household management and home furnishings with 5.5 homes reached per day spent on project by agents and specialists.

Statistical Summary.

Table 2, page 12, gives a complete summary of extension activities and accomplishments of the county extension agents assisted by the subject-matter specialists in 1923. The part taken by county agents, club agents, and home demonstration agents and the total of all agents are shown for every item. The number of each kind of extension agent reporting on the various items is also given.

In table 3, page 26, the extension work in 1923 with boys and girls is brought together by projects. A total of 459,074 different boys and girls enrolled in junior demonstration work, and 249,416 of them completed the work outlined. These boys and girls undertook 722,508 demonstrations, of which 428,746 were completed or carried through the year. Of the 3,338 agents reporting, 2,747 or 82 per cent mentioned work with boys and girls.

Table 2.— Results of Cooperative Extension Work, 1923.

Project or line of work.	Reported by county agents.		Reported by home demonstration agents.		Reported by club agents.*		Total of all lines of work.	
	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.
Communities in counties	2227	41939	919	24380	129	3758	3275	70077
Communities with extension program	1673	23213	772	13377	117	2708	2762	39298
Voluntary local leaders:								
Adult			102814	36066	1534	2949	140414	41936
Junior			22257	627	128	2304		
Membership in county extension organizations and adult clubs	1602	737305	788	268909	67	27818	2457	1034032
Junior clubs	1805	16556	768	10350	134	5767	2707	32673
Enrollment (a)	Boys	1831	151729	200	131	27030	2162	187277
(b)	Girls	1325	79473	781	135	38116	2241	271797
Completions (a)	Boys	1576	76390	146	127	15567	1849	99222
(b)	Girls	1120	44571	666	127	27066	1916	150194
Farm visits made	2238	1200181	180	38481	130	78557	42374	1281036
Different farms visited	2090	569698	176	18053	119	22136	2374	609887
Home visits made	953	163084	108	234372	95	22575	1954	420031
Different homes visited	928	89683	906	120623	86	11826	1894	222132
Office calls	2216	3374761	907	550137	121	55010	3244	3979908
Per cent of time in field	2234	66	919	64	131	55010	3284	67
Per cent of time in office	2237	34	919	36	131	55010	3287	33
Individual letters written	2232	2677577	917	655185	131	112118	3280	3444880
Demonstration meetings held	2019	110191	820	123614	120	11422	2959	245227
Attendance	2023	2720660	799	2376721	120	201063	2942	5298444
Total number of all meetings	2019	235020	820	161348	120	24369	2942	420737
Meetings at which lantern slides were shown	2023	10868483	799	4399750	120	749538	16017771	16017771
Meetings at which motion pictures were shown	670	4055	166	4055	59	768	495	5318
Meetings at which lantern slides were shown	1132	16851	303	16851	46	2320	379	19550

*Includes a small amount of work in counties without extension agents, reported by State club leaders.

Project or line of work.	Reported by county agents.		Reported by home demonstration agents.		Reported by club agents.**		Total of all lines of work.	
	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.
<u>Soils.</u>								
Adult demonstrations	1466	34502	1	10	4	38	1471	34550
Farms following advice in use of commercial fertilizer	1518	169618	2	125	4	316	1524	170059
Farms using lime and limestone on advice	1280	63702			1	17	1281	63719
Farms taking better care of farm manure..	1092	60225			2	518	1094	60743
Farms plowing under green manure crops...	1368	57165	1	10	3	254	1372	57429
Different farms adopting better practices	1971	322065	2	125	7	819	1980	323009
<u>Corn.</u>								
Adult demonstrations	1308	13145	1	2	6	1311	13153	
Junior demonstrations*	858	16870	1	13	410	901	17293	
Farms planting selected seed	1432	112361	1	15	245	1450	112561	
Farms testing seed for germination	849	39024			161	863	39185	
Different farms adopting better practices	1759	170549	2	78	28	453	1789	171080
<u>Wheat.</u>								
Adult demonstrations	790	8013			3	12	793	8025
Junior demonstrations*	44	272			1	7	45	279
Farms planting selected seed	877	52862			3	47	880	52909
Farms treating seed for smut	559	35909			3	562	37443	
Different farms adopting better practices	1222	92721			5	1227	94305	
<u>Oats.</u>								
Adult demonstrations	720	5276			2	19	722	5295
Junior demonstrations*	42	219					42	219
Farms planting selected seed	787	30531					787	30531
Farms treating seed for smut	596	40455			1	20	597	40475
Different farms adopting better practices	1210	74223			2	202	1212	74425

* Boys' and girls' club members.

** Includes a small amount of work in counties without extension agents, reported by State club leaders.

Results of Cooperative Extension Work, 1923 - Continued.

Project or line of work.	Reported by County agents.		Reported by home demonstration agents.		Reported by club agents, **		Total of all lines of work.	
	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.
<u>Rye.</u>								
Adult demonstrations	283	216	1	12	284	2118		
Junior demonstrations*	5	26	2	5	5	26		
Different farms adopting better practices.	514	12019					12220	
<u>Barley.</u>								
Adult demonstrations	260	1216	3	19	263	1235		
Junior demonstrations*	20	40					40	
Different farms adopting better practices.	463	7978	3	211	466	8189		
<u>Other cereals.</u>								
Adult demonstrations	216	1459	1	1	217	1450		
Junior demonstrations*	85	1008	1	3	89	1404		
Different farms adopting better practices.	336	14310	3	63	340	1459		
<u>Legumes.</u>								
Adult demonstrations	986	10331	2	23	988	10354		
Junior demonstrations*	12	52					52	
Farms plowing selected seed	821	27185	1	11	822	27196		
Farms inoculating for this crop	941	33359	1	2	944	33372		
Different farms adopting better practices.	1424	56130	1	2	1427	55355		
<u>Soybeans.</u>								
Adult demonstrations	1064	1401	1	7	2	14914		
Junior demonstrations*	62	632					638	
Farms planting selected seed	813	33445	1	1	815	33455		
Farms inoculating for this crop	793	37764	1	1	794	37765		
Different farms adopting better practices.	1360	79802	1	2	1363	79824		
<u>Sweet Clover.</u>								
Adult demonstrations	684	7059	2	31	686	7090		
Junior demonstrations*	4	27					27	
Farms planting selected seed	463	12300					12300	
Farms inoculating for this crop	543	11147	1	1	1	11149		
Different farms adopting better practices.	1075	30014		2	1062	30123		

* Boys' and girls' club members.

** Includes a small amount of work in counties without extension agents, recorded by State club agents.

Project or line of work.	Reported by county agents.		Reported by home demonstration agents.**		Reported by club agents.**		Total of all lines of work.	
	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.
<u>Crimson Clover.</u>								
Adult demonstrations	232	2187		1	40	233	2227	
Junior demonstrations*	3	13				3	13	
Different farms adopting better practices	343	9659		1	50	344	9709	
<u>Clover (red, alsike, white).</u>								
Adult demonstrations	362	3421		2	11	364	3432	
Junior demonstrations*	2	3					3	
Farms planting selected seed	248	17230		1	10	249	17240	
Different farms adopting better practices	601	30843		2	17	603	30860	
<u>Cowpeas.</u>								
Adult demonstrations	553	7116		1	1	554	7117	
Junior demonstrations*	40	586				40	586	
Farms planting selected seed	290	7157				290	7157	
Different farms adopting better practices	679	24598		1	1	680	24599	
<u>Velvet Beans.</u>								
Adult demonstrations	294	4110				294	4110	
Junior demonstrations*	23	409				23	409	
Different farms adopting better practices	344	16597				344	16597	
<u>Field Beans.</u>								
Adult demonstrations	137	986				137	986	
Junior demonstrations*	20	336				20	336	
Different farms adopting better practices	190	5323				190	5323	
<u>Peanuts.</u>								
Adult demonstrations	253	3162				253	3162	
Junior demonstrations*	195	2047				195	2047	
Different farms adopting better practices	335	15245				335	15245	
<u>Lespedeza.</u>								
Adult demonstrations	285	3144				285	3144	
Junior demonstrations*	6	54				6	54	
Different farms adopting better practices	338	10407				338	10407	

Boys' and girls' club members.

* Includes a small amount of work in counties without extension agents, reported by State club leaders.

Results of Cooperative Extension Work, 1923 - Continued.

Project or line of work.	Reported by county agents.	Reported by home demonstration agents.	Reported by club agents.**	Total of all lines of work.
	Agents reporting.	Agents Number, report-ing.	Agents Number.	Agents report-ing.
<u>pastures.</u>				
Adult demonstrations.....	656	6729	1	6
Different farms adopting better practices	335	19182	1	21
<u>Other Legumes and Tornage Crops.</u>				
Adult demonstrations	299	2988		299
Junior demonstrations.....	13	29	13	29
Different farms adopting better practices	400	14472	400	14472
<u>Potatoes.</u>				
Adult demonstrations.....	930	11526	1	3
Junior demonstrations*	363	6146		79
Farms planting selected seed	953	59198	33	33
Farms treating seed for diseases.....	855	38475	1	1148
Farms spraying or dusting for diseases and insects	807	61014	1	30
Different farms adopting better practices	1235	121199	57	3528
<u>Sweet Potatoes.</u>				
Adult demonstrations.....	401	3527	6	401
Junior demonstrations*	194	1607	1	3527
Farms planting selected seed	288	8435	15	1646
Farms treating seed for diseases	243	5117	28	3450
Different farms adopting better practices	501	17782	3	5117
<u>Cotton.</u>				
Adult demonstrations.....	645	9820	3	17810
Junior demonstrations*	363	4456		17810
Farms planting selected seed	542	60077		60077
Farms spraying or dusting for diseases and insects	453	63542		63542
Different farms adopting better practices	732	136239		136239

* Boys' and girls' club members.

** Includes a small amount of work in counties without extension agents, reported by State club leaders.

Project or line of work.	Reported by county agents.		Reported by home demonstration agents.		Reported by club agents. **		Total of all lines of work.	
	Agents reporting	Number.	Agents reporting	Number.	Agents reporting	Number.	Agents reporting	Number.
<u>Tobacco.</u>								
Adult demonstrations	186	3570			186	3570		
Junior demonstrations	41	332			41	332		
Farms planting selected seed	107	6197			107	6197		
Farms spraying or dusting for diseases and insects	127	17426			127	17426		
Different farms adopting better practices.	237	26473			237	26473		
<u>Other Miscellaneous Crops.</u>								
Adult demonstrations	87	893			87	893		
Junior demonstrations*	15	175			17	180		
Different farms adopting better practices.	110	5940			111	5941		
<u>Tree Fruits.</u>								
Adult demonstrations	1147	11849			1304	16362		
Junior demonstrations*	57	987			173	3375		
Farms planting selected stock	592	17672			597	17786		
Farms adopting better pruning methods	1331	65783			1342	65878		
Farms spraying or dusting for diseases and insects	1327	76976			1453	80884		
Different farms adopting better practices.	1632	123520			1866	134109		
<u>Bush and Small Fruits.</u>								
Adult demonstrations	332	1762			140	473		
Junior demonstrations*	20	458			1716	124		
Farms planting selected stock	208	3233			32	76		
Farms adopting better pruning methods	262	6465			13	19		
Farms spraying or dusting for diseases and insects	258	8363			3	15		
Different farms adopting better practices.	608	16484			1746	267		
<u>Grapes.</u>								
Adult demonstrations	377	1549			121	498		
Junior demonstrations*	7	36			1315	109		
Farms planting selected stock	200	2103			22	204		
Farms adopting better pruning practices	456	17911			36	465		
Farms spraying or dusting for diseases and insects	331	9645			56	954		
Different farms adopting better practices.	571	23849			199	5026		
* Boys' and girls' club members. ** Includes a small amount of work in counties without extension agents, reported by State Club Leaders.								

* Boys' and girls' club members. ** Includes a small amount of work in counties without extension agents, reported by State Club Leaders.

Results of Cooperative Extension Work, 1923 - Continued.

Project or line of work.	Reported by county agents.	Reported by home demonstration agents.	Reported by club agents. **	Total of all lines of work.
	Agents reporting.	Agents reporting.	Agents reporting.	Number.
<u>Market Gardening.</u>				
Adult demonstrations.....	355	3770	10545	14320
Junior demonstrations.....	48	714	9474	10409
Farms planting selected seed	260	7405	139	7626
Farms spraying or dusting for diseases and insects	286	9171	4398	13579
Different farms adopting better practices. Home Gardens.	557	23286	23730	47228
Adult demonstrations.....	272	5214	32492	37725
Junior demonstrations.....	101	2702	18091	26823
Homes planting selected seed.....	193	11534	327	12234
Homes spraying or dusting for diseases and insects	269	9717	14111	24548
Different homes adopting better practices. Beautifying Home Grounds.	505	28390	57577	89156
Adult demonstrations.....	241	1684	18291	20003
Junior demonstrations.....	13	465	15353	16130
Different homes adopting better practices. Forestry.	419	9022	38244	17416
Adult demonstrations.....	205	1415	4	1422
Junior demonstrations.....	5	35	43	43
Forests and wood-lot plantings made	114	1873	1878	1878
Farms planting windbreaks.....	180	902	904	904
Different farms adopting better practices. Horses and Mules.	382	4592	12	4635
Adult demonstrations.....	82	531	82	531
Junior demonstrations.....	16	109	17	119
Different farms adopting better practices.	413	1	1	13814

Boys! and girls! club members.

** Includes a small amount of work in counties without extension agents, reported by State club leaders.

Project or line of work.	Reported by county agents.	Reported by home demonstration agents.	Reported by club agents. **	Total of all lines of work.
	Agents reporting.	Agents reporting.	Agents reporting.	Agents reporting.
<u>Dairy Cattle.</u>				
Adult demonstrations	710	7897	13206	21107
Junior demonstrations*	490	6015	2215	10473
Farms assisted in securing purebred sires.	1517	12143		12283
Farms assisted in securing purebred females	1066	8757		9236
Farm culling herds	565	10725		10897
Bull associations organized during year	213	400		407
Members of bull associations	222	6928		6997
Cow-test associations organized or reorganized during year	486	707		710
Members in cow-test associations	495	16501		16552
Other farms testing cows for production	741	12704		12777
Homes assisted in butter and cheese making	230	5319		5645
Farms feeding better balanced rations	1366	65143		65459
Farms testing animals for tuberculosis...	1222	196274		197399
Farms vaccinating animals for blackleg...	380	11242		11251
Different farms adopting better practices	1876	292075		315569
<u>Beef Cattle.</u>				
Adult demonstrations	340	1671		1673
Junior demonstrations*	353	4070		4453
Farms securing purebred sires	696	4795		4812
Farms securing purebred females	343	1768		1781
Farms feeding better balanced rations	393	5290		5299
Farms testing animals for tuberculosis...	349	19354		19356
Farms vaccinating animals for blackleg...	449	22725		22734
Different farms adopting better practices	1122	64984		65236

* Boys' and girls' club members.

** Includes a small amount of work in counties without extension agents, reported by State club leaders.

Results of Cooperative Extension Work, 1923 - Continued.

Project or line of work.	Reported by county agents.		Reported by home demonstration agents.		Reported by club agents.**		Total of all lines of work.	
	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.
<u>Sheep.</u>								
Adult demonstrations	261	1622			2	6	263	1628
Junior demonstrations	158	1170			41	354	199	1524
Farms assisted in securing purebred sires	561	2493			5	44	569	2537
Farms assisted in securing purebred females	240	920			7	31	247	951
Farms feeding better balanced rations	194	1663			3	28	197	1691
Farms controlling insect pests	195	4597			1	5	196	14602
Different farms adopting better practices	331	14788			22	248	553	15036
<u>Swine.</u>								
Adult demonstrations	754	7424			2	7	756	7431
Junior demonstrations	1181	25931			96	2294	1251	25313
Farms assisted in securing purebred sires	1204	13227			32	152	1236	13379
Farms assisted in securing purebred females	992	14467			36	550	1029	15027
Farms feeding better balanced rations	735	29855			10	135	745	30000
Farms controlling insect pests	463	30895			2	5	466	30910
Farms vaccinating for cholera	1061	76240			7	7	1069	76778
Different farms adopting better practices	1766	144430			64	229	2210	146869
								1534

* Boys' and girls' club members.

** Includes a small amount of work in counties without extension agents, reported by State club leaders.

Project or line of work.	Reported by county agents.		Reported by home demonstration agents.		Reported by club agents. **		Total of all lines of work.	
	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.
<u>Poultry.</u>								
Adult demonstrations.....	1057	16542	Agents reporting.	371	48779	5	38	65359
Junior demonstrations*.....	642	19720	Agents reporting.	574	24951	109	5347	50045
Farms assisted in securing purebred sires.....	906	20223	Agents reporting.	10	360	25	265	20891
Farms assisted in securing purebred females.....								
Farms culling flocks.....	603	17189			336	29		
Farms feeding better balanced rations.....	1486	95593			37360	42		
Farms controlling insect pests.....	898	59492			729	11		
Farms controlling poultry diseases.....	760	69091			1018	6		
Different farms adopting better practices.....	501	25161			34			
	1825	213633			91840	77		
<u>Bureau Engineering.</u>								
Adult demonstrations.....	698	9425	Agents reporting.	88	1684	6	788	11115
Farms installing drainage systems.....	664	5395	Agents reporting.	1	1		665	5396
Farms constructing terraces or soil dams.....	705	21026	Agents reporting.	1	1		705	21028
Dwellings constructed according to plans.....	322	1440	Agents reporting.	83	309		405	1749
Dwellings remodeled according to plans.....	260	1308	Agents reporting.	131	695		411	2203
Sewage disposal systems installed.....	454	1781	Agents reporting.	101	536		556	2322
Water systems installed.....	512	2178	Agents reporting.	196	1007		709	3191
Heating systems installed.....	158	689	Agents reporting.	267	1		218	964
Lighting systems installed.....	447	3428	Agents reporting.	167	1219		616	4654
Farms constructing or remodeling buildings other than dwellings.....	1657	23918	Agents reporting.	495	47	9	84	24497
Farms clearing land.....	591	33317	Agents reporting.	3349	2	1	115	3349
Homes influenced to adopt better practices.....	1657	105028	Agents reporting.	196	4831	9	1713	110084
<u>Pests and Other Animal Fests.</u>								
Adult demonstrations.....	324	212967	Agents reporting.	4	153	2	329	13123
Farms adopting control measures.....	480	85033	Agents reporting.	4	282	2	486	85352
Glasshouses and Other Insect Fests.....								
Adult demonstrations.....	394	15020	Agents reporting.	3	19	2	399	15045
Farms adopting control measures.....	496	87991	Agents reporting.	3	25	2	501	88024

* Boys' and girls' club members.

** Includes a small amount of work in counties without extension agents, reported by state club leaders.

Results of Cooperative Extension Work, 1923 - Continued.

Project or line of work.	Reported by county agents.		Reported by home demonstration agents.		Reported by club agents.*		Total of all lines of work.	
	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.
<u>Farm Management.</u>								
Farms keeping farm accounts	896	15647	7	465	6	52	909	16164
Juniors keeping farm accounts	108	5796	1	178	5	115	115	6018
Farms making recommended changes in business	543	6524	4	61	4	143	551	6998
Farms advised relative to leases	886	9525	1	15	2	6	889	9546
Farms keeping cost-of-production records	715	14247	1	15	5	721	721	14308
Farms making better use of labor	487	42496	1	25	2	490	490	42537
Farms assisted in securing credit	568	24401	2	168	6	570	570	24569
Farms adopting practices	1002	153125	7	743	194	1015	1015	159065
<u>Marketing.</u>								
Associations assisted in organizing or cooperated with	1192	6018	127	234	3	10	1522	6262
Total value of purchases	611	\$43543335	14	422462	1	52355	625	3628152
Savings in connection with such purchases	574	4293504	13	8141	1	12489	4314134	4314134
Total value of sales	570	275327462	115	1067267	1	1008973	686	277403702
Profits in connection with such sales	494	20610851	79	394857	1	153233	574	21158941
Farms and homes assisted with marketing problems	1081	926203	117	11703	3	1392	1201	939228
<u>Food Selection.</u>								
Adult demonstrations	130	2379	573	54389	6	235	709	57003
Homes using more fruit in diet	124	11073	645	109150	10	665	779	120699
Homes using more green vegetables in diet	134	12542	676	134755	3	1270	818	148536
Homes using more milk and other dairy products in diet	142	23272	346	131066	3	1243	796	155581
Homes using more unrefined cereals	78	7376	455	17365	4	797	537	55510
Different homes adopting better practices	232	14555	785	239052	11	2296	1028	265933

* Includes a small amount of work in counties without extension agents, reported by State club leaders.

Project or line of work.	Reported by country agents.		Reported by home demonstration agents.		Reported by club agents. **		Total of all lines of work.	
	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.
<u>Poultry.</u>								
Adult demonstrations.....	1057	16512	Agents reporting.	371	48779	5	Agents reporting.	1433
Junior demonstrations*.....	642	19720	374	26961	109	5347	Agents reporting.	1125
Farms assisted in securing purebred sires.....	906	20223	10	380	25	288	Agents reporting.	941
Farms assisted in securing purebred females.....	603	17189	5	336	522	640	Agents reporting.	18047
Farms culling flocks.....	1486	95593	508	37360	42	2036	Agents reporting.	133211
Farms feeding better balanced rations.....	898	69492	7	729	11	916	Agents reporting.	76367
Farms controlling insect pests.....	760	69091	6	1018	6	772	Agents reporting.	70276
Farms controlling poultry diseases.....	501	25161	2	74	167	503	Agents reporting.	25195
Different farms adopting better practices.....	1825	213633	557	91840	77	246	Agents reporting.	309719
<u>Farm Engineering.</u>								
Adult demonstrations.....	608	9425	1684	1684	6	785	Agents reporting.	11115
Farms installing drainage systems.....	664	5395	58	5395	1	665	Agents reporting.	5396
Farms constructing terraces or soil dams.....	705	21026	1	21026	2	705	Agents reporting.	21028
Dwellings constructed according to plans.....	322	1440	1440	1440	1	405	Agents reporting.	1749
Dwellings remodeled according to plans.....	230	1308	1308	1308	1	411	Agents reporting.	2203
Sewage disposal systems installed.....	454	1781	1781	1781	1	556	Agents reporting.	2322
Water systems installed.....	512	2178	196	196	1	709	Agents reporting.	3191
Heating systems installed.....	158	689	267	267	1	218	Agents reporting.	964
Lighting systems installed.....	447	3428	1219	1219	2	616	Agents reporting.	4654
Farms constructing or remodeling buildings other than dwellings.....	1657	23918	47	495	9	1713	Agents reporting.	24107
Farms clearing land.....	591	33317	2	17	1	594	Agents reporting.	33419
Homes influenced to adopt better practices.....	1657	105028	196	4831	9	115	Agents reporting.	110084
<u>Rodents and Other Animal Pests.</u>								
Adult demonstrations.....	324	12967	4	153	2	329	Agents reporting.	17123
Farms adopting control measures.....	180	85032	4	282	2	486	Agents reporting.	85352
Fleas, lice, mites and other insects.....	394	15020	3	19	2	6	Agents reporting.	15045
Adult demonstrations.....	496	87991	3	25	2	5	Agents reporting.	88024

* Boys' and girls' club members.

** Includes a small amount of work in counties without extension agents, reported by state club leaders.

Results of Cooperative Extension Work, 1923 - Continued.

Project or line of work.	Reported by county agents.		Reported by home demonstration agents.		Reported by club agents.*		Total of all lines of work.	
	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.
<u>Farm Management.</u>								
Farms keeping farm accounts	896	15647	7	465	6	52	909	16164
Juniors keeping farm accounts	108	5796	1	178	1	115	6018	
Farms making recommended changes in business	543	6524	4	413	4	551	5998	
Farms advised relative to leases	586	9525	1	61	2	689	9546	
Farms keeping cost-of-production records	715	14247	1	46	5	721	14306	
Farms making better use of labor	467	42496	1	16	2	490	42537	
Farms assisted in securing credit	568	24401	2	168	7	570	24569	
Farms adopting practices	1002	153125	7	743	6	1015	159065	
<u>Marketing.</u>								
Associations assisted in organizing or cooperated with	1192	6018	127	234	3	10	6262	
Total value of purchases	611	\$43543335	14	\$22462	1	52355	\$3626152	
Savings in connection with such purchases	574	4293504	13	\$141	1	12489	4714134	
Total value of sales	570	275327462	115	1067267	1	1008973	27403702	
Profits in connection with such sales	494	26610851	79	394857	1	15323	2115541	
Farms and homes assisted with marketing problems	1081	926203	117	11703	3		939293	
<u>Food Selection.</u>								
Adult demonstrations	130	2379	573	54389	6	235	57003	
Homes using more fruit in diet	124	11073	605	109160	10	666	120899	
Homes using more green vegetables in diet	134	12542	676	134755	5	1279	148536	
Homes using more milk and other dairy products in diet	142	23272	616	131066	8	1243	155581	
Homes using more unrefined cereals	78	7373	455	47365	4	795	55540	
Products in diet	232	44555	785	239052	11	2296	265933	

* Includes a small amount of work in counties without extension agents, reported by State club leaders.

Reported by county agents.		Reported by home demonstration agents.		Reported by club agents.**		Total of all lines of work.	
Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.	Agents reporting.	Number.
<u>Bread Making.</u>							
Adult demonstrations.....	16	346	15734	362	15950		
Junior demonstrations.....	114	1932	20216	610	24206		
Different homes adopting better practices..	79	3651	78752	665	83502		
<u>Meal Preparation.</u>							
Adult demonstrations.....	27	539	14150	1	14727		
Junior demonstrations*	65	842	14084	38	16591		
Different homes adopting better practices..	75	2919	73114	52	77223		
<u>School Lunches.</u>							
Adult demonstrations.....	46	335	8159	15	8474		
Junior demonstrations*	26	601	10114	13	13003		
Different homes adopting better practices..	67	2617	55625	710	58952		
<u>Other Food Preparation.</u>							
Adult demonstrations.....	6	43	106	1	3925		
Junior demonstrations *	7	157	113	7	5588		
Different homes adopting better practices..	19	599	205	3	78223		
<u>Child Feeding and Care.</u>							
Demonstrations	59	596	12992	11	13509		
Different homes adopting better practices..	103	9252	60594	513	70359		
<u>Food Preservation.</u>							
Adult demonstrations.....	41	1291	498	541	62476		
Junior demonstrations*	190	4972	509	4459	8325		
Different homes adopting better practices..	217	37850	718	11165	284639		
Quarts canned.....	184	511032	598	213745	9516751		
Pounds dried.....	11	15826	345	544	1319215		
Quarts brined and cured.....	14	18143	251	3164	5359218		
Quarts other products.....	45	68651	569	23225	3023877		
<u>Clothing- Selection.</u>							
Adult demonstrations	21	256	169	8427	8683		
Junior demonstrations*	13	393	163	9862	10967		
Different homes adopting better practices..	32	1462	269	4013	66156		

* Boys' and girls' club members.

** Includes a small amount of work in counties without extension agents, reported by State club leaders.

Results of Cooperative Extension Work, 1923 - Continued.

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Project or line of work.	Reported by county agents.	Reported by home demonstration agents.	Reported by club agents.**	Total of all lines of work.
	Agents reporting.	Agents reporting.	Agents reporting.	Agents reporting.
<u>Clothing - Construction.</u>				
Adult demonstrations	231	7913	502	92
Junior demonstrations	317	13604	554	739
Different homes adopting better practices	391	45628	763	982
<u>Clothing - Renovation.</u>				
Adult demonstrations	29	417	220	13257
Junior demonstrations	5	55	154	10330
Different homes adopting better practices	40	1595	313	74
<u>Millinery.</u>				
Adult demonstrations	139	2562	388	151931
Junior demonstrations	11	209	244	111
Different homes adopting better practices	191	12725	542	74
<u>Other Clothing.</u>				
Adult demonstrations	14	140	100	38167
Junior demonstrations	9	343	90	40433
Different homes adopting better practices	25	1455	190	6415
<u>Home, Health and Sanitation.</u>				
Demonstrations	60	1029	245	18633
Different homes adopting better sanitary practices.	156	21315	512	6415
<u>Household Management and Home Furnishing.</u>				
Adult demonstrations	30	1092	283	46177
Junior demonstrations	18	226	215	67294
Homes rearranging kitchens	71	1854	338*	207889
Homes installing new equipment	144	2613	699	
Homes refinishing furniture	53	939	120	
Homes redecorating or refinishing rooms	55	1485	4057	
Different homes adopting better practices	211	14067	2915	
		783	119	
			7	
			16	
			16	
			232	
			1010	
			93073	

* Homes rearranging kitchens includes adult demonstrations in kitchen arrangement by home demonstration agents in 13 Southern States, since this question was not included in the special report form used in this group of States.

** Boys' and girls' club members.

*** Includes a small amount of work in counties without extension agents, reported by State club leaders.

Project or line of work.	Reported by county agents.	Reported by home demonstration agents.	Reported by club agents. **	Total of all lines of work.
Agents reporting.	Agents Number.	Agents report-ing.	Agents report-ing.	Agents report-ing.
<u>Beekeeping.</u>				
Adult demonstrations	173	798	339	1141
Junior demonstrations*	57	528	106	515
Different farms adopting better practices.	223	5393	44	6891
<u>Miscellaneous Agriculture.</u>				
Adult demonstrations	47	852	13	1360
Junior demonstrations*	18	443	9	1883
Different farms adopting better practices.	57	4299	14	6268
<u>Miscellaneous Home Economics.</u>				
Adult demonstrations	26	463	195	14827
Junior demonstrations*	17	550	166	9515
Different homes adopting better practices.	34	1500	246	26683
<u>Totals.</u>				
Adult demonstrations			438099	721448
Junior demonstrations*			254006	428745
Farms or homes adopting better practices.		3860437	1546256	5462526

* Boys' and girls' club members.

** Includes a small amount of work in counties without extension agents, reported by State club leaders.

Table 3. - Extension Work with Boys and Girls, 1923,
as reported by all county extension agents.

Number of junior clubs	32,673
Number of different boys enrolled	187,277
Number of different girls enrolled	271,797
Total enrollment	459,074
Number of different boys completing	99,222
Number of different girls completing	150,194
Total completing	249,416

Project.	Number of boys' and girls' clubs.	Number of boys enrolled.	Number of girls enrolled.	Number of boys completing.	Number of girls completing.	Number of units in- volved in club work.	Total value.	Total cost.
Corn	3212	32505	2812	16028	1265	23354A	787372	284447
Wheat	54	530	2	278	1	1031"	21877	14137
Oats	20	392	21	216	3	643"	11174	4285
Rye	9	34	5	26		43"	380	78
Barley	3	99	2	39	1	94"	1785	662
Other cereals ..	172	2639	144	1055	49	3092"	72628	22186
Alfalfa	9	110	18	47	5	90"	3591	891
Soybeans	59	819	61	577	61	655"	30685	9957
Sweet clover ...		32		27		57"	2131	654
Crimson clover .	5	30		13		13"	295	52
Clover (red, alsike)		4		3		4"	65	28

Extension Work with Boys and Girls, 1923. - Continued.

Project.	Number of boys' and girls' clubs.	Number of boys enrolled.	Number of girls enrolled.	Number of boys completing.	Number of girls completing.	Number of units involved in club work.	Total value.	Total cost.
Cowpeas.....	69	953	23	578	8	894"	30557	5910
Velvet beans	48	595	28	393	16	739"	17594	4764
Field beans	40	425	59	339	57	380"	11905	4601
Peanuts	326	3749	256	1911	137	2049"	84528	27512
Lespedeza	8	62		54		151"	5382	1248
Other legumes, etc.	11	203	14	92	7	204"	3074	1626
Potatoes	938	9906	1542	6763	1067	2828A	319825	107606
Sweet potatoes ...	314	2760	219	1729	117	1106"	122224	29445
Cotton	919	8526	304	4310	149	6103"	438899	137068
Tobacco	46	613	4	329	3	284"	34830	12513
Other special crops	45	300	56	153	27	100"	7750	3434
Tree fruits	121	1195	4906	532	2843	488"	44098	4714
Bush and small fruits	92	452	3559	220	2030	97"	24485	2607
Grapes	16	136	1926	105	1315	166"	21076	7595
Vegetable gardens .	887	10553	35872	6032	20791	931"	447152	44424
Flowers, shrubs, and home grounds.	66	494	25660	320	15810	76"	20105	2067
Market-gardening, truck, and canning crops ...	150	1056	15125	673	9736	302"	199347	11938

Extension Work with Boys and Girls, 1923 - Continued.

Project	Number of boys' and girls' clubs.	Number of boys enrolled.	Number of girls enrolled.	Number of boys completing.	Number of girls completing.	Number of units involved in club work.	Total value.	Total cost.
Forestry.....	17	175	79	37.	6	51"		
Horses and mules .	25	208	25	107	12	211An.	18170	7070
Dairy cattle	1088	10053	5328	6890	3583	9853"	982172	537157
Beef cattle	502	5406	733	3944	509	5781"	498398	242599
Sheep	211	1790	414	1226	298	6142"	89265	41914
Swine	4377	46658	4953	25358	2955	83169"	1425002	600147
Poultry	3256	25157	64958	13289	36759	557688"	978602	385894
Agricultural economics	868	11085	3352	4368	1650			
Bread making ...	718	326	38012	213	23993			
Meals						29191		
Loaves						82315		
Dozen quick breads						51572		
Meal preparation	501	295	25880	151	16440			
Meals						71864		
Loaves						19054		
Dozen quick breads						7704		
School lunches .	330	2112	18988	1562	11441			
Meals						192666		
Loaves						99		
Dozen quick breads						43		
Other food preparation	118	310	8333	53	5335			
Meals						1901		
Loaves						778		
Dozen quick breads						846		

Extension Work with Boys and Girls, 1923. - Continued.

Project.	Number of boys' and girls' clubs.	Number of boys enrolled.	Number of girls enrolled.	Number of boys completing.	Number of girls completing.	Number of units involved in club work.	Total value.	Total cost.
Food preservation	1531	269	81691	165	48160	1848614	825514	243864
Quarts canned.....						196944		
Pounds dried.....						106324		
Quarts brined and cured						499727		
Quarts other food preserved								
Clothing:								
Selection.....	188	4	17760	3	10964	59329	66496	21814
Construction.....	4575	298	104540	176	67118	402332	474637	195543
Renovation.....	72		7028		4483	15156	20445	5840
Millinery.....	82		11445		6847	20275	56453	18857
Other clothing...	94	16	7630	11	4958	31743	29011	8711
Household manage- ment. etc.								
Budgets and ac- counts.....	25	35	5646	18	3072	4585	1839	851
Equipment	16	7	3471	7	1922	3182	211	20
Kitchen arrange- ment	54		3338		2204	1986	326	188
Work planning....	5	2	4143		2737	1243	51	28
Furnishing and decorating....	79	10	10719	4	5465	11846	4128	1641
Beekeeping	70	530	434	358	157	679	9228	3361
Miscellaneous agriculture.....	239	2401	445	1584	299	7416	32803	9068
Miscellaneous home economics	326	746	13500	487	9028	19176	35382	7059
Totals	27006	187045	535463	102853	325893		8316947	3078095

